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MONTANA OIL AND GAS STATISTICAL BULLETIN

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THE OIL AND GAS CONSERVATION COMMISSION

VOL. IV. No. 11 McKEE PRINT. November, 1956

Production of crude oil and condensate from the oil and gas areas of Montana for the month of November 1956 averaged 65,719 barrels daily, an increase of 5854 barrels from the average October production of 59,865.

The ten refineries in the State proceed 68,894 barrels of crude oil daily for the month of November, 1956, an increase of 12,748 barrels daily from the 56,146 barrels processed daily during the month of October.

During November, 47 wells were completed, 23 oil, 1 gas well and 23 dry holes.

During November, 1956, the Commission issued 43 permits to drill new wells, a decrease of 11 from the 54 permits issued during October.

SUMMARY OF CRUDE OIL PRODUCTION, REFINING, STORAGE, ETC., IN MONTANA

MONTH OF NOVEMBER, 1956

IN STORAGE NOVEMBER 1st:	
By Producers	318,230
By Transporters	591,383
By Refiners	788,597
TOTAL STORAGE	1,698,210
Produced in Montana During Month	1,971,591
Imported During Month	1,116,405
TOTALS	4,786,206
DISPOSITION:	
Refined in Montana	1,946,808
Exported	1,153,869
Used for Fuel or Lost	28,154
TOTALS	3,128,831
IN STORAGE NOVEMBER 30th:	
By Producers	323,744
By Transporters	657,645
By Refiners	675,986
TOTAL STORAGE	1,657,375

NATURAL GAS WITHDRAWALS IN MONTANA

Month of November, 1956

Field	M Cu. Ft.
Bears Den	2,724
Big Coulee	13,130
Bowdoin	213,071
Bowes	83,695
Box Elder	0
Cedar Creek	659,029
Cut Bank (Including Reagan)	1,582,150
Devon	0
Dry Creek	224,843
Elk Basin	28,501
Flat Coulee	45,026
Golden Dome	6,928
Hardin	6,740
Keith Block	71,941
Kevin-Sunburst	109,652
Plevna	30,395
Utopia	15,749
Whitlash	160,979
Miscellaneous	43,752
TOTAL	3,298,305

Total Withdrawals for November, 1955, were 4,277,112 M Cu. Ft.

PRODUCER'S REPORT

MONTH OF NOVEMBER, 1956

Leases Operated	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped by Pipeline	Oil Shipped by Truck	Used or Lost	Storage End of Month
1	Ash Creek	4	1,295	3,362	.....	3,552	.....	1,105
....	Bannatyne	.....	.....	.....	.....	.....	.....	.....
9	Big Wall	26	6,960	22,011	.....	25,719	.....	3,252
3	Border	7	.....	795	.....	795	.....	.....
11	Bowes	76	4,661	25,230	26,047	.....	.....	3,844
....	Brady-Midway	.....	.....	.....	.....	.....	.....	.....
7	Bredette	7	2,347	14,473	10,144	.....	.....	12,676
2	Brorson	3	2,076	2,648	3,484	.....	.....	1,240
....	Bynum	.....	572	.....	.....	450	3	119
1	Cabin Creek	29	9,790	182,527	179,529	.....	3,325	9,463
27	Cat Creek	87	3,395	12,551	14,402	.....	.....	4,544
3	Clark's Fork	3	3,919	16,028	.....	16,710	.....	3,237
2	Cupton	2	1,030	2,271	1,998	.....	11	1,292
342	Cut Bank	1,121	116,199	219,759	222,680	.....	93	113,185
3	Deer Creek	5	1,204	10,063	9,628	.....	.....	1,639
1	Devil's Basin	2	398	86	.....	.....	.....	484
6	Dry Creek	6	1,188	10,620	9,977	.....	.....	1,831
20	Elk Basin	60	8,707	158,308	153,834	.....	.....	13,181
3	Fertile Prairie	3	1,224	2,058	.....	1,919	.....	1,363
2	Frannie	2	506	844	772	.....	.....	578
1	Gage	1	772	123	.....	368	135	392
2	Gas City	11	3,349	39,081	36,723	.....	.....	5,707
6	Glendive	12	4,248	41,270	40,538	.....	.....	4,980
....	Golden Dome	.....	378	.....	.....	.....	.....	378
4	Ivanhoe	10	4,648	33,165	.....	34,072	.....	3,741
205	Kevin-Sunburst	1,409	17,381	86,699	88,604	.....	4	15,472
1	Lake Basin	1	301	121	.....	175	.....	247
1	Little Beaver	6	3,043	19,159	19,579	.....	245	2,378
2	East Little Beaver	2	929	1,983	867	.....	391	1,654
3	Melstone	5	3,278	5,598	.....	6,803	.....	2,073
3	Mosser	6	1,173	900	.....	.....	.....	2,073
7	Pennel	14	5,681	49,871	49,585	.....	1,111	4,856
4	Pine	85	18,753	366,190	356,091	.....	11,161	17,691
73	Pondera	336	8,529	55,860	56,140	.....	.....	8,249
92	East Poplar	97	27,254	335,065	313,796	18,590	73	29,860
4	Northwest Poplar	5	1,160	2,775	.....	2,271	.....	1,664
3	Ragged Point	4	1,136	2,915	.....	2,765	.....	1,286
....	Rattlesnake Butte	.....	399	.....	.....	.....	.....	399
3	Reagan	42	2,735	18,179	18,079	.....	.....	2,835
1	Repeat	1	619	2,263	2,718	.....	.....	164
4	Richey	8	3,171	11,787	10,728	.....	479	3,751
....	Rudyard	.....	35	.....	.....	.....	.....	35
2	Snyder	4	1,173	3,444	.....	3,393	.....	1,224
5	Soap Creek	18	3,942	16,151	.....	12,793	151	7,149
1	Southwest Richey	3	1,470	6,305	6,104	.....	.....	1,671
18	Sumatra	57	13,734	129,307	122,013	6,044	.....	14,984
4	Sweetgrass Hills	4	603	737	.....	492	.....	848
1	Utopia	1	159	37	.....	.....	.....	196
11	Whitlash	26	5,673	11,394	7,952	2,017	.....	7,098
1	Wibaux	1	143	41	.....	.....	.....	184
8	Wolf Springs	20	7,362	46,979	42,313	5,446	.....	6,582
....	Woodrow	.....	324	.....	.....	.....	196	128
1	Yellowstone	1	204	558	.....	.....	.....	762
914		3,633	318,230	1,971,591	1,804,325	144,574	17,378	323,744

Total Oil Produced and Shipped from Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1955	15,654,426	42,889	15,526,471	42,538
First Quarter, 1956	5,069,931	55,714	5,037,112	55,353
Second Quarter, 1956	5,271,571	57,929	5,213,932	57,296
Third Quarter, 1956	5,470,682	59,463	5,425,391	58,971
October, 1956	1,855,832	59,865	1,848,329	59,623
November, 1956	1,971,591	65,719	1,948,699	64,956

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage*	Total Oil in Storage
December 31, 1956	298,039	575,486	575,324	1,448,849
March 31, 1956	289,876	576,594	500,893	1,367,363
June 30, 1956	309,591	595,066	548,755	1,453,412
September 30, 1956	319,641	597,923	688,796	1,606,360
October 31, 1956	318,230	591,383	788,597	1,698,210
November 30, 1956	323,744	657,645	675,986	1,657,375

*Includes Wyoming Oil.

TRANSPORTER'S REPORT
MONTH OF NOVEMBER, 1956

	Storage First of Month	OIL RECEIVED BY			Loss or Gain	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Trucks			3,552				3,552		
BIG WALL—Trucks			25,719			16,881	8,838		
BORDER—Trucks			795			795			
BOWES—									
Trigood Oil Company	5,787	6,541			158		6,898		5,272
The Texas Company		19,506				19,506			
	5,787	26,047			158	19,506	6,898		5,272
BRORSON—Sun Oil Company		3,484					3,484		
BYNUM—Trucks			450			450			
CABIN CREEK AND OTHERS*—									
Butte Pipe Line Company	303,677	592,174		446,314	54		1,038,740		303,371
Shell Pipeline Corp.	2,849	71,816			263			71,354‡	3,048
	306,526	663,990		446,314	317		1,038,740	71,354	306,419
CAT CREEK—									
Continental Pipeline Co.	8,196	11,052			181	12,861			6,206
Wm. Hanlon		3,350				3,350			
	8,196	14,402			181	16,211			6,206
CLARK'S FORK—Trucks			16,710			15,932	778		
CUT BANK—									
Big West Oil Company		5,276		19,140		24,416			
Darling Gathering System, Inc.	4,392	16,342				15,476			5,258
Phillips Petroleum Company	13,245	46,276		2,750	575	18,817		24,131	18,748
The Texas Pipeline Company	31,330	54,607		51,755	200	77,173		26,845	83,474
Toronto Pipeline Company	37,299	57,210			(62)			63,039	31,532
Union Oil Company	43,858	42,191		40,370	6,226	12,221			107,972
	130,124	221,902		114,015	6,939	148,103		114,015	246,984
DRY CREEK—Ohio Oil Company	7,292	10,165			3	9,679			7,775
ELK BASIN—Ohio Oil Company		153,834				110,182	43,652		
FERTILE PRAIRIE—Trucks			1,919				1,919		
FRANNIE—Ohio Oil Company		772					772		
GAGE—Trucks			368			368			
GLENDIVE, DEER CREEK and WOODROW—									
The Texas Pipeline Company	7,395	50,170			123			49,220‡	8,222
IVANHOE—Trucks			34,072			25,501	8,571		
KEVIN-SUNBURST									
Big West Oil Company	2,040	39,816				39,807			2,049
Homestake Oil & Gas Company	497	3,653			(85)	4,235			
The Texas Pipeline Company	7,843	43,582		1,802	377	45,024			7,826
Anna Aronow	218	1,762						1,802	178
	10,598	88,813		1,802	292	89,066		1,802	10,053
LAKE BASIN—Trucks			175			175			
MELSTONE—Trucks			6,803			6,301			502
PONDERA—									
Phillips Petroleum Company	5,720	56,609			1,294	47,103			14,022
POPLAR and BREDETTE—									
East Poplar Gathering System	31,243	323,940			363		3,975	325,740‡	25,105
Trucks			20,861				20,861		
	31,243	323,940	20,861		363		24,836	325,740	25,105
RAGGED POINT—Trucks	504		2,765		375	2,211			683
REAGAN—Union Oil Company		18,079				18,079			
SNYDER—Trucks			3,393			983	2,410		
SOAP CREEK—Trucks			12,793			9,418	3,375		
SUMATRA—									
Powder River Pipeline, Inc.	17,450	122,013			609	119,747			19,107
Trucks			6,044				6,044		
	17,450	122,013	6,044		609	119,747	6,044		19,107
SWEETGRASS HILLS—Trucks			492			492			
WHITLASH—									
Homestake Oil & Gas Company	1,879	367		7,593		7,843			1,996
Western Natural Gas Company	375	7,585						7,593	367
Trucks			2,017			2,017			
	2,254	7,952	2,017	7,593		9,860		7,593	2,363
WOLF SPRINGS—									
Powder River Pipe Line Co.	8,294	42,313			212	45,463			4,932
Trucks			5,446			5,446			
	8,294	42,313	5,446		212	50,909			4,932
TOTALS	591,383	1,804,485	144,374	569,724	10,776	717,952	1,153,869	569,724	657,645

*Cabin Creek, Cupton, Gas City, Little Beaver, East Little Beaver, Pennel, Pine, Repeat, Richey and Southwest Richey Fields.
‡Transferred to Butte Pipe Line Co.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF NOVEMBER, 1956

Fields	Big West Oil Co.	Carter Oil Co.	Continental Oil Co.	Diamond Asph. Co.	Farmers Union	Jet Fuel Refinery	Phil. Petr. Co.	The Texas Co.	Texas Calgary Co.	Union Oil Co.	Total by Fields
Big Wall	.....	.....	.....	.....	17,101	.....	.....	.....	.....	.....	17,101
Border	.....	.....	.....	.....	.....	.....	.....	2,565	.....	.....	2,565
Bowes	.....	.....	.....	15,575	.....	.....	.....	.....	.....	.....	15,575
Bynum	.....	.....	.....	.....	.....	.....	450	.....	.....	.....	450
Cat Creek	.....	.....	12,869	.....	.....	4,359	.....	.....	.....	.....	17,228
Clark's Fork	.....	.....	.....	.....	16,152	.....	.....	.....	.....	.....	16,152
Cut Bank	24,416	.....	.....	.....	.....	.....	18,059	119,725	.....	14,692	176,892
Dry Creek	.....	.....	.....	.....	8,921	.....	.....	.....	.....	.....	8,921
Elk Basin	.....	75,981	34,201	.....	.....	.....	.....	.....	.....	.....	110,182
Gage	.....	.....	.....	.....	246	.....	.....	.....	.....	.....	246
Ivanhoe	.....	.....	.....	.....	8,549	.....	.....	.....	.....	17,062	25,611
Kevin-Sunburst	39,362	.....	.....	.....	.....	.....	.....	85,047	.....	.....	124,409
Lake Basin	.....	.....	.....	.....	145	.....	.....	.....	.....	.....	145
Melstone	.....	.....	.....	.....	.....	6,760	.....	.....	.....	.....	6,760
Pondera	.....	.....	.....	.....	.....	.....	45,230	.....	.....	.....	45,230
Ragged Point	.....	.....	.....	.....	2,211	.....	.....	.....	.....	.....	2,211
Reagan	.....	.....	.....	.....	.....	.....	.....	.....	.....	18,079	18,079
Richey	.....	.....	.....	.....	.....	.....	.....	6,700	.....	.....	6,700
Snyder	.....	.....	.....	.....	.....	.....	.....	.....	938	.....	938
Soap Creek	.....	.....	.....	.....	.....	.....	.....	.....	9,816	.....	9,816
Sumatra	.....	.....	286	.....	122,646	.....	.....	.....	.....	.....	122,932
Sweetgrass Hills	492	.....	.....	.....	.....	.....	.....	.....	.....	.....	492
Whitlash	.....	.....	.....	.....	.....	.....	.....	10,640	.....	2,017	12,657
Wolf Springs	.....	40,793	.....	.....	.....	.....	6,604	.....	.....	.....	47,397
Total Montana Oil	64,270	116,774	47,356	15,575	175,971	11,119	70,343	224,677	10,754	51,850	788,689
Canadian Oil Imported	.....	.....	.....	3,369	.....	.....	1,685	.....	.....	5,672	10,726
Wyoming Oil Imported	.....	571,229	266,873	.....	307,169	2,122	.....	.....	.....	.....	1,147,393
TOTAL Montana, Canadian and Wyoming Oil	64,270	688,003	314,229	18,944	483,140	13,241	72,028	224,677	10,754	57,522	1,946,808

AVERAGE BARRELS PER DAY

	Montana	Canada	South Dakota	Wyoming	TOTAL
Year, 1955	27,008	.....	35	30,714	57,757
November, 1955	24,338	.....	....	36,098	60,436
November, 1956	26,290	358	....	38,246	68,894

PERCENTAGE OF CRUDE OIL REFINED

Montana	Canada	South Dakota	Wyoming
46.76%	.....	.06%	53.18%
40.27%	.....	.....	59.73%
40.51%	.55%	.....	58.94%